

AMENDMENTS TO THE CLAIMS:

1. (Currently amended) A liquid crystal display device comprising:
a color filter substrate;
a thin film transistor substrate;
a plurality of liquid crystals between said color filter substrate and said thin film transistor substrate to form a matrix including a plurality of unit pixels arranged in a plurality of rows and a plurality of columns, the unit pixels of each column being of the same color, and with adjacent columns of unit pixels having unit pixels of different colors; and
a plurality of columnar spacer-being spacers interposed between a said color filter substrate and a said thin film transistor-substrate; and substrate, wherein:
wherein a column density of said columnar spacer is smaller than 1 (one) and
wherein said columnar spacer is disposed spacers are provided in a plurality of pairs, each pair of columnar spacers being in a pair of two unit pixels being adjacent to each other in a row or a column of the matrix,
each pair of columnar spacers is spaced from all other pairs of columnar spacers by at least two pixels of a row or a column, and
said each bearing the two unit pixels of each pair bear a signal charge-being charges that are opposite in polarity.
2. (Currently amended) The liquid crystal display device according to Claim 1, ~~wherein~~ further comprising a driver for driving a liquid crystal-crystals in said liquid crystal display device is driven by a gate line reverse driving method, or a dot reverse driving method.

3. (Currently amended) The liquid crystal display device according to Claim 1, wherein said columnar ~~spacer is~~ spacers are disposed on a gate electrode of ~~said a~~ thin film transistor formed on said thin film transistor substrate.

4. (Currently amended) The liquid crystal display device according to Claim 1, ~~wherein~~ further comprising a pixel electrode and a common electrode ~~are~~ formed on said thin film transistor substrate in a manner such that said pixel electrode and said common electrode are insulated from each other.

5. (Currently amended) A liquid crystal display device comprising:

a color filter substrate ~~on which having~~ a colored layer is formed thereon so that unit pixels are arranged in a matrix; ~~form;~~

a thin film transistor substrate ~~on which having~~ thin film transistors ~~are~~ formed thereon ~~at a place being~~ opposite to said colored layer;

a plurality of columnar ~~spacer formed to secure a cell gap being~~ spacers disposed between said color filter substrate and said thin film transistor substrate to form a cell gap therebetween; and

~~wherein a~~ plurality of liquid crystal is ~~put into said crystals~~ hermetically sealed within the cell gap, ~~in a hermetically sealed manner and~~ wherein:

a columnar area ratio₁ being a ratio of a cross sectional area of said columnar spacer to an area of said unit pixel₁ is ~~set within a range of 0.05% to 0.15%, and~~

said columnar spacers are provided in a plurality of pairs, with each said columnar spacer making up a pair of said columnar spacers is being disposed in each of a pair of two unit pixels being arranged in a matrix form and being adjacent to each other at an arbitrary place along in a row direction within a row of the matrix or in a column direction within a column of the matrix, and

each pair of columnar spacers is spaced from all other pairs of columnar spacers by at least two pixels of a row or a column.

6. (Currently amended) The liquid crystal display device according to Claim 5, wherein said columnar spacers are arranged in the column direction, and said unit pixel is pixels are driven by a dot reverse driving method, ~~when said columnar spacers are arranged along said column direction and wherein said unit pixel is driven by a gate line reverse driving method when said columnar spacers are arranged along said row direction.~~

7-24. (Canceled)

25. (New) The liquid crystal display device according to Claim 1, further comprising a driver for driving liquid crystals in said liquid crystal display device by a dot reverse driving method.

26. (New) The liquid crystal display device according to Claim 1, wherein the unit pixels of each row are arranged in sets of three unit pixels, with the columns providing a repetitive

sequence of unit pixels of a first color, a second color, and a third color.

27. (New) The liquid crystal display device according to Claim 26, wherein said pairs of columnar spacers are provided in pairs of unit pixels adjacent to each other in columns of said matrix,

each pair of columnar spacers is spaced from another pair of columnar spacers in its column by two pixels of such column,

in each row only one set of three unit pixels from each adjacent set of three unit pixels has columnar spacers, and

all columnar spacers are in unit pixels of the same color.

28. (New) The liquid crystal display device according to Claim 27, wherein within each row all unit pixels bear signal charges of the same polarity.

29. (New) The liquid crystal display device according to Claim 26, wherein said pairs of columnar spacers are provided in pairs of unit pixels adjacent to each other and within the same set of three unit pixels,

each pair of columnar spacers is spaced from another pair of columnar spacers in its row by at least one set of three unit pixels of such row,

within each column containing columnar spacers, each unit pixel containing a columnar spacer is spaced from another pixel containing a columnar spacer by at least one unit pixel, and

unit pixels of one of the three colors have no columnar spacers.

30. (New) The liquid crystal display device according to Claim 29, wherein within each column containing columnar spacers, each unit pixel containing a columnar spacer is spaced from another unit pixel containing a columnar spacer by two unit pixels.

31. (New) The liquid crystal display device according to Claim 5, wherein said columnar spacers are arranged in the row direction, and said unit pixels are driven by a gate line reverse driving method.

32. (New) The liquid crystal display device according to Claim 5, wherein the unit pixels of each row of the matrix are arranged in sets of three unit pixels, with the columns of the matrix providing a repetitive sequence of unit pixels of a first color, a second color, and a third color.

33. (New) The liquid crystal display device according to Claim 32, wherein said pairs of columnar spacers are provided in pairs of unit pixels adjacent to each other in columns of said matrix,

each pair of columnar spacers is spaced from another pair of columnar spacers in its column by two pixels of such column,

in each row only one set of three unit pixels from each adjacent set of three unit pixels has columnar spacers, and

all columnar spacers are in unit pixels of the same color.

34. (New) The liquid crystal display device according to Claim 33, wherein within each row all unit pixels bear signal charges of the same polarity.

35. (New) The liquid crystal display device according to Claim 32, wherein said pairs of columnar spacers are provided in pairs of unit pixels adjacent to each other and within the same set of three unit pixels,

each pair of columnar spacers is spaced from another pair of columnar spacers in its row by at least one set of three unit pixels of such row,

within each column containing columnar spacers, each unit pixel containing a columnar spacer is spaced for another pixel containing a columnar spacer by at least one unit pixel, and

unit pixels of one of the three colors have no columnar spacers.

36. (New) The liquid crystal display device according to Claim 35, wherein within each column containing columnar spacers, each unit pixel containing a columnar spacer is spaced from another unit pixel containing a columnar spacer by two unit pixels.

37. (New) The liquid crystal display device according to Claim 5, wherein said columnar spacers are disposed on a gate electrode of said thin film transistors.

38. (New) The liquid crystal display device according to Claim 5, further comprising a pixel electrode and a common electrode formed on said thin film transistor substrate in a manner such that said pixel electrode and said common electrode are insulated from each other.

39. (New) A liquid crystal display device comprising:

- a color filter substrate;
- a thin film transistor substrate;
- a plurality of liquid crystals between said color filter substrate and said thin film transistor substrate to form a matrix including a plurality of unit pixels arranged in a plurality of rows and a plurality of columns; and
- a plurality of columnar spacers interposed between said color filter substrate and said thin film transistor substrate, wherein:
 - said columnar spacers are provided in a plurality of pairs, each pair of columnar spacers being in a pair of two unit pixels adjacent to each other in a row or a column of the matrix, and
 - each pair of columnar spacers is spaced from all other pairs of columnar spacers by at least two pixels of a row or a column.

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AMENDMENTS TO THE ABSTRACT

The Abstract is replaced by the substitute Abstract attached hereto.